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U. S. Department of Agriculture
Foreign Agricultural Service
Economics and Statistics
Service

World Crop Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-12-80

December 10, 1980

213

FOREIGN GRAIN AND COTTON PRODUCTION UP SLIGHTLY FROM A MONTH AGO

Region	1978/79	1979/80 est.	1980/81 proj.	
			Nov.	Dec.
Total grains (Million metric tons) 1/				
World	1,578.4	1,520.3	1,521	1,529
United States	273.0	298.8	264	264
Rest of world	1,305.4	1,221.5	1,257	1,265
Oilseeds (Million metric tons)				
World	155.4	174.9	161.2	160.6
United States	58.4	72.2	55.3	55.2
Rest of world	96.9	102.7	105.9	105.3
Cotton (Million bales)				
World	60.2	65.6	63.7	64.0
United States	10.9	14.6	11.2	10.9
Rest of world	49.3	51.0	52.5	53.0

1/ Includes rice on a rough basis.

- * Total world grain production for 1980/81 is forecast at 1529 million tons, 1/2 percent above last month's forecast. Since last month the grain production forecasts have been raised for Canada, India, and Western Europe. There was no change in the Soviet Union crop estimate.
- * World wheat production in 1980/81 is forecast at 431 million tons, up 3 million tons from last month's estimate. India's wheat crop estimate has been raised 1-1/2 million tons and estimates for Canada, Spain, and the EC are also up.
- * World 1980/81 coarse grain production is forecast at 706 million tons, 1 million above last month's estimate. Significant increases were recorded in Spain and the United Kingdom while India's estimate is down slightly.
- * The world rice crop forecast of 392 million tons is up 4 million tons from last month's and represents a record harvest. Estimates for India, Bangladesh, Burma, and Thailand have been raised this month reflecting the good rainy season in South and Southeast Asia.
- * The current world oilseed production estimate of 161 million tons for 1980/81 is down marginally from the November estimate and 14 million tons below the 1979/80 crop. Principal downward revisions were in the Soviet Union and India.

WORLD CROP PROJECTIONS

Projections of 1980/81 world crop production are still tentative. While Northern Hemisphere winter crops, such as wheat and barley, have already been harvested and spring crops, including corn, soybeans and cotton are nearing harvest completion, Southern Hemisphere winter grain crops are being harvested, and Southern Hemisphere spring crops are still being planted.

Crop projections generally are based on surveys, historical trends in area and yield, plus analysts' judgements. The projected ranges in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 13 through 15.

Forecasts of 1980 U.S. acreage, yield, and production for crops, except sunflowers, are from the November 10 U.S. Crop Production report. Revised cotton and cottonseed estimates were released December 10 by the Crop Reporting Board of ESS.

The World Crop Production report draws on information from USDA's global network of agricultural attaches, commodity analysts, country regional specialists, and the staff of the NOAA/USDA Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economics and Statistics Service (ESS), and the World Food and Agricultural Outlook and Situation Board (WFAOSB). Principal contributors include:

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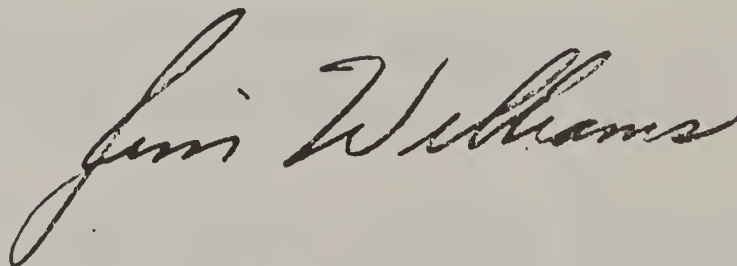
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A C T I N G S E C R E T A R Y

(continued from page 1)

- * Foreign oilseed production was revised down by 700,000 tons since November. A 600,000-ton reduction in the Soviet sunflowerseed crop forecast is the consequence of poor harvest conditions and a very late crop. The Indian peanut production estimate was cut 600,000 tons as growing conditions deteriorated late in the season in key growing states. These declines were partially offset by upward revision in China's peanut and cottonseed production and Soviet cottonseed output.
- * The 1980/81 world cotton crop is estimated at 64 million bales, slightly above last month's forecast, as improved prospects in the Soviet Union, China, and Egypt more than offset declines in the United States, India, and Pakistan. The most significant revisions were made in the Soviet Union and China, where production was increased to 14.2 and 11.0 million bales, respectively, close to a million above each country's 1979/80 crops. While excellent late season weather boosted prospects in these countries, continuing poor conditions during November resulted in further deterioration in the U.S. crop, which is now indicated at 10.9 million bales.

WEATHER HIGHLIGHTS THROUGH DECEMBER 10

BRAZIL--Excessive rains prolonged the wheat harvest and, in turn, slowed soybean planting progress in southern Brazil, while in most northern areas abundant showers eased dryness and allowed soybean plantings to be completed.

ARGENTINA--Significant shower activity in northern Argentina hampered the wheat harvest that began in November but improved conditions for sowing maize and soybeans. drier than normal weather prevailed in southern wheat areas.

SOUTH AFRICA--After a late start, widespread rainfall during the latter half of November improved soil conditions for maize planting in much of the Maize Triangle region.

AUSTRALIA--Relatively dry weather provided favorable conditions for the wheat harvest, which has reached final stages in northern New South Wales, and has just gotten underway in southern wheat areas.

USSR--Wet weather continued through November and into December over nearly all of European USSR. Warm temperatures and rain melted the snows of early November, and standing water in many fields hampered late harvesting of spring crops and development of winter grains. Colder weather turned the rain to snow in many areas early in December, building a protective snowcover, but wet soils in the North Caucasus, accompanied by recurrent freezing and thawing, prolonged the possibility of frost-heaving damage.

INDIA--Drier than normal weather persisted in many cotton and groundnut areas in November, benefiting groundnut harvesting and some early cotton harvesting. But dry conditions may have further hurt cotton yield prospects in unirrigated fields, for much of the crop is still in the flowering and boll-formation stages. Winter grains in some parts of the north received very timely rainfall in November. Other winter grain areas where little or no rain fell are still in much better condition than last year.

EUROPE--After a brief respite, dampness returned late in November, and temperatures plummeted in early December. New snowcover in most eastern areas protected winter grains from the cold.

CHINA--Late harvesting of second-crop rice along the southern coast may have been hindered by localized wet weather in November. Rainfall in the Yangtze Valley in late November and early December maintained reservoir levels. Soil moisture on the North China Plain has probably been quite adequate for winter grain growth.

World crop production summary 1/

Commodity	Major regions and countries									
						Centrally:	Near East			
						Planned	South Asia	and		
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia		Paki-	Indo-	Thai-
						PRC	India	stan	nesia	land
---Million metric tons---										
:Wheat										
1: 1978/79	48.9	21.1	58.5	35.8	120.8	54.0	31.7	8.4	---	---
2: 1979/80	58.3	17.2	55.7	27.6	90.2	60.5	35.0	9.9	---	---
: 1980/81										
3: Nov. proj.	64.3	18.6	61.8	34.8	90.0	55.0	30.5	10.8	---	---
4: Dec. proj.	64.3	19.1	63.8	34.8	90.0	55.0	32.0	10.8	---	---
:Coarse grains										
5: 1978/79	218.1	20.3	94.0	60.4	105.3	76.5	30.6	---	---	3.3
6: 1979/80	234.5	18.6	90.8	63.4	81.1	77.5	27.1	---	---	3.6
: 1980/81										
7: Nov. proj.	192.7	21.6	93.9	59.8	85.0	77.5	30.2	---	---	3.5
8: Dec. proj.	192.7	21.6	95.1	60.1	85.0	77.5	29.0	---	---	3.5
:Rice(rough)										
9: 1978/79	6.0	---	1.6	---	2.1	137.0	80.8	4.9	25.8	17.5
10: 1979/80	6.0	---	1.8	---	2.4	140.5	63.8	4.8	26.3	15.7
: 1980/81										
11: Nov. proj.	6.6	---	1.6	---	2.4	138.0	78.8	4.8	28.7	17.2
12: Dec. proj.	6.6	---	1.7	---	2.4	138.0	81.1	4.7	28.7	18.0
:Total grains 2/										
13: 1978/79	273.0	41.4	154.2	96.2	228.2	267.5	143.1	13.3	25.8	20.8
14: 1979/80	298.8	35.8	148.3	91.0	173.6	278.5	125.9	14.7	26.3	19.3
: 1980/81										
15: Nov. proj.	263.6	40.2	157.3	94.6	177.4	270.5	139.5	15.6	28.7	20.7
16: Dec. proj.	263.6	40.7	160.6	94.9	177.4	270.5	142.1	15.5	28.7	21.5
:Oilseeds 3/										
17: 1978/79	58.4	4.1	2.6	3.8	10.8	17.2	11.0	1.2	---	---
18: 1979/80	72.2	4.3	2.7	3.6	10.4	18.3	10.4	1.7	---	---
: 1980/81										
19: Nov. proj.	55.3	3.2	3.6	3.8	10.7	19.3	11.9	1.7	---	---
20: Dec. proj.	55.2	3.4	3.6	3.7	10.3	19.8	11.2	1.7	---	---
:Cotton										
---Million 480-pound bales---										
21: 1978/79	10.9	---	---	---	12.3	9.9	6.3	2.1	---	---
22: 1979/80	14.6	---	---	---	13.1	10.1	6.1	3.4	---	---
: 1980/81										
23: Nov. proj.	11.2	---	---	---	13.8	10.5	6.3	3.4	---	---
24: Dec. proj.	10.9	---	---	---	14.2	11.0	6.1	3.3	---	---

1/ 1979/80 estimates are preliminary. The 1980/81 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States. 2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 185 million tons in special circular FG-33-80 (12-10-80) includes around 10 million tons of rice, minor grains, and pulses.

World crop production summary 1/--Continued

Major regions and countries									
: Middle East	: Latin America	:	:	:Total for	:	:	: World	:	:
: and	: and	: Oceania	: major	: Other	:	:	: less	:	:
: Africa	: Caribbean	:	: regions	: coun-	:	:	: United	:	: World
:South	:Argen-	:	: and	: tries	:	:	: States	:	:
:Africa	:Turkey	: tina	: Brazil	:Australia	: countries:	:	:	:	:
---Million metric tons---									
1.7	13.3	8.1	2.7	18.1	423.2	24.0	398.3	447.2	: 1
2.1	13.0	8.1	2.9	16.1	396.7	23.2	361.6	419.9	: 2
1.5	13.8	8.0	2.3	10.6	402.1	26.0	363.8	428.1	: 3
1.5	13.8	7.8	2.3	10.6	405.8	25.3	366.8	431.1	: 4
8.8	7.3	17.2	16.6	7.1	665.7	81.4	528.9	747.0	: 5
11.5	7.6	10.7	20.1	6.4	652.9	76.1	494.5	729.0	: 6
10.1	7.6	17.1	20.5	5.3	624.9	80.4	512.7	705.4	: 7
10.2	7.6	17.3	20.5	5.4	625.6	80.4	513.3	706.1	: 8
---	---	.3	7.6	.7	284.3	99.9	378.2	384.2	: 9
---	---	.3	9.7	.6	271.5	99.9	365.4	371.4	: 10
---	---	.3	10.0	.7	289.1	98.5	381.0	387.6	: 11
---	---	.3	10.0	.7	292.2	99.4	385.0	391.6	: 12
10.5	20.6	25.6	26.9	25.9	1373.2	205.3	1305.4	1578.4	: 13
13.6	20.6	19.1	32.7	23.1	1321.1	199.2	1221.5	1520.3	: 14
11.6	21.4	25.4	32.8	16.6	1316.1	204.9	1257.5	1521.1	: 15
11.7	21.4	25.4	32.8	16.7	1323.6	205.1	1265.1	1528.8	: 16
---	---	6.1	11.6	---	126.9	16.5	96.9	155.4	: 17
---	---	5.5	16.4	---	145.5	16.8	102.7	174.9	: 18
---	---	6.0	16.5	---	131.7	16.9	105.9	161.2	: 19
---	---	6.0	16.5	---	131.4	16.7	105.3	160.6	: 20
---Million 480-pound bales---									
---	2.2	.8	2.7	---	47.1	13.1	49.3	60.2	: 21
---	2.2	.7	2.6	---	52.9	12.7	51.0	65.6	: 22
---	2.2	.8	2.7	---	50.8	12.9	52.5	63.7	: 23
---	2.2	.8	2.7	---	51.1	12.8	53.0	64.0	: 24

3 Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesameseed, safflowerseed, flaxseed, castorbeans, copra, and palm kernels for countries shown plus other countries.

---No production reported or insignificant production.

*Totals may not add due to rounding.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production		
	:	:	:	:	:	:	:	:	:
	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81
	proj.	proj.	proj.	proj.	proj.	proj.	Nov.	Dec.	proj.
	---Million hectares---			Metric tons per hectare			-----Million metric tons-----		
United States	23.0	25.3	29.0	2.12	2.30	2.22	48.9	58.3	64.3
Canada	10.6	10.5	11.1	2.00	1.64	1.72	21.1	17.2	18.6
Western Europe	15.9	15.6	16.3	3.69	3.58	3.91	58.5	55.7	61.8
Eastern Europe	10.2	9.3	9.9	3.50	2.97	3.53	35.8	27.6	34.8
USSR	62.9	57.7	61.3	1.92	1.56	1.47	120.8	90.2	90.0
Centrally Planned Asia									
PRC	27.6	28.2	27.6	1.96	2.15	1.99	54.0	60.5	55.0
South Asia									
India	21.5	22.2	21.5	1.48	1.57	1.49	31.7	35.0	30.5
Pakistan	6.4	6.7	6.9	1.31	1.49	1.57	8.4	9.9	10.8
Middle East and Africa									
South Africa	1.8	1.9	1.6	.94	1.12	.96	1.7	2.1	1.5
Turkey	8.6	8.6	8.6	1.55	1.51	1.60	13.3	13.0	13.8
Latin America & Caribbean									
Argentina	4.7	4.6	4.8	1.73	1.74	1.62	8.1	8.1	8.0
Brazil	2.8	3.8	2.9	.96	.75	.77	2.7	2.9	2.3
Oceania									
Australia	10.2	11.2	11.5	1.78	1.44	.92	18.1	16.1	10.6
Total above	206.1	205.6	213.0	2.05	1.93	1.91	423.2	396.7	402.1
Other countries & regions	20.5	20.5	21.0	1.17	1.13	1.20	24.0	23.2	25.3
World	226.6	226.1	233.9	1.97	1.86	1.84	447.2	419.9	428.1
World less United States	203.6	200.8	205.0	1.96	1.80	1.79	398.3	361.6	363.8
Major foreign ex- porters 2/	36.5	37.3	39.0	2.60	2.35	2.28	94.9	87.9	87.2

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, and EC.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production		
	:	:	:	:	:	:	:	:	:
	: 1978/79	: 1979/80	: 1980/81	: 1978/79	: 1979/80	: 1980/81	: 1978/79	: 1979/80	: 1980/81
	proj.	proj.	proj.	proj.	proj.	proj.	Nov.	Dec.	Dec.
	-----Million hectares-----			Metric tons per hectare			-----Million metric tons-----		
United States	42.7	41.4	40.6	5.11	5.67	4.75	218.1	234.5	192.7
Canada	7.8	7.1	7.9	2.60	2.63	2.72	20.3	18.6	21.6
Western Europe	25.3	25.2	24.7	3.58	3.60	3.84	94.0	90.8	95.1
Eastern Europe	19.2	19.9	19.2	3.15	3.18	3.13	60.4	63.4	59.8
USSR	58.0	61.2	57.5	1.82	1.33	1.48	105.3	81.1	85.0
Centrally Planned Asia									
PRC	38.5	38.7	38.5	1.99	2.00	2.01	76.5	77.5	77.5
South Asia									
India	42.3	41.3	41.6	.72	.66	.70	30.6	27.1	30.2
Near East and Other Asia									
Thailand	1.7	1.7	1.8	1.91	2.05	2.01	3.3	3.6	3.5
Middle East and Africa									
South Africa	5.3	5.4	5.3	1.66	2.12	1.93	8.8	11.5	10.2
Turkey	4.1	4.1	4.2	1.79	1.82	1.82	7.3	7.6	7.6
Latin America & Caribbean									
Argentina	6.4	4.8	6.3	2.71	2.22	2.74	17.2	10.7	17.3
Brazil	11.6	12.2	12.8	1.44	1.66	1.60	16.6	20.1	20.5
Oceania									
Australia	4.7	4.2	4.5	1.51	1.54	1.19	7.1	6.4	5.4
Total above	267.5	267.2	265.0	2.48	2.44	2.36	665.7	652.9	625.6
Other countries & regions	79.5	77.0	78.4	1.02	.99	1.03	81.4	76.1	80.4
World	347.0	344.2	343.3	2.15	2.12	2.06	747.0	729.0	706.1
World less United States	304.2	302.9	302.8	1.73	1.63	1.70	528.9	494.5	513.3
Major foreign exporters 2/	25.9	23.2	25.8	2.19	2.19	2.25	56.8	50.8	58.1

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production			
	:	:	:	:	:	:	:	:
	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: Nov.	: Dec.
	-----Million hectares-----		Metric tons per hectare		-----Million metric tons-----			
United States	: 25.63	: 28.54	: 27.08	: 1.99	: 2.16	: 1.78	: 50.90	: 61.71
Canada	: .28	: .28	: .28	: 1.81	: 2.37	: 2.52	: .52	: .67
Eastern Europe	: .36	: .44	: .51	: 1.26	: 1.37	: 1.15	: .46	: .60
USSR	: .82	: .84	: .88	: .78	: .56	: .62	: .64	: .47
Centrally Planned Asia								
PRC	: 7.30	: 7.30	: 7.40	: 1.14	: 1.14	: 1.18	: 8.30	: 8.30
South Asia								
India	: .28	: .40	: .55	: .80	: .75	: .82	: .22	: .30
Latin America & Caribbean								
Argentina	: 1.60	: 1.78	: 1.86	: 2.31	: 1.91	: 2.10	: 3.70	: 3.40
Brazil	: 8.04	: 8.50	: 8.92	: 1.27	: 1.76	: 1.70	: 10.20	: 15.00
Paraguay	: .36	: .44	: .52	: 1.23	: 1.38	: 1.35	: .45	: .60
Total above	: 44.67	: 48.52	: 48.00	: 1.69	: 1.88	: 1.65	: 75.38	: 91.06
Other countries & regions	: 2.12	: 2.33	: 2.17	: 1.17	: 1.26	: 1.18	: 2.49	: 2.95
World	: 46.80	: 50.85	: 50.18	: 1.66	: 1.85	: 1.63	: 77.87	: 94.00
World less United States	: 21.16	: 22.31	: 23.10	: 1.27	: 1.45	: 1.44	: 26.97	: 32.29
Major foreign exporters 2/	: 10.00	: 10.72	: 11.30	: 1.44	: 1.77	: 1.75	: 14.35	: 19.00
							: 19.80	: 19.80

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

		Major regions and countries							
						Centrally:		South Asia	
Commodity		United States	Canada	Western Europe	Eastern Europe	USSR	Asia		
							PRC	India	Pakistan
		---Million metric tons---							
:Cottonseed									
1:	1978/79	3.87	---	.33	.04	4.80	4.33	2.73	.92
2:	1979/80	5.24	---	.28	.04	4.51	4.41	2.64	1.38
	: 1980/81								
3:	Nov. proj.	3.99	---	.34	.04	5.16	4.58	2.80	1.36
4:	Dec. proj.	3.89	---	.34	.04	5.30	4.80	2.70	1.32
:Peanuts									
:(In-shell)									
5:	1978/79	1.81	---	.02	---	---	2.38	6.21	.05
6:	1979/80	1.80	---	.02	---	---	2.82	5.77	.06
	: 1980/81								
7:	Nov. proj.	1.04	---	.02	---	---	2.95	6.60	.06
8:	Dec. proj.	1.04	---	.02	---	---	3.20	6.00	.06
:Sunflowerseed:									
9:	1978/79	1.84 <u>3/</u>	.12	.61	1.96	5.33	.28	---	---
10:	1979/80	3.48 <u>3/</u>	.22	.74	2.27	5.41	.34	.01	---
	: 1980/81								
11:	Nov. proj.	1.99 <u>3/</u>	.15	.80	2.02	5.00	.70	.01	---
12:	Dec. proj.	1.99 <u>3/</u>	.17	.80	1.92	4.50	.70	.01	---
:Rapeseed									
13:	1978/79	---	3.50	1.64	1.35	.01	1.87	1.88	.24
14:	1979/80	---	3.41	1.64	.67	.01	2.40	1.65	.30
	: 1980/81								
15:	Nov. proj.	---	2.43	2.40	1.15	.01	2.35	2.00	.30
16:	Dec. proj.	---	2.51	2.47	1.16	.01	2.35	2.00	.30

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 95 percent of U.S. total.

---No production reported or less than 5,000 tons.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											:
Middle East		Latin America		:Total for:		Other		: World		: Major	
and		and		: major		: coun-		: less		:foreign	
Africa		Caribbean		: regions		: tries		:World:United		: ex-	
:	:	:Argen-	:	:Para-	:	: and	:	: and	:	:States	:porters
:Egypt:	:Senegal:	:Sudan:	:tina	:Brazil:	:guay	:countries:	:regions:	:	:	:	: 2/
---Million metric tons---											
.74	---	.24	.33	.93	.14	19.40	4.38	23.79	19.91	4.23	: 1
.79	---	.24	.33	.90	.18	20.94	4.05	24.99	19.75	4.11	: 2
.80	---	.24	.33	.90	.22	20.75	4.18	24.93	20.94	4.27	: 3
.84	---	.24	.31	.90	.22	20.90	4.16	25.05	21.16	4.15	: 4
.03	1.05	.83	.67	.46	.02	13.54	4.62	18.16	16.35	9.23	: 5
.03	.60	.85	.29	.50	.03	12.78	4.90	17.68	15.87	8.01	: 6
.03	.60	.80	.42	.41	.03	12.97	4.88	17.84	16.80	8.83	: 7
.03	.50	.80	.42	.41	.03	12.52	4.89	17.41	16.37	8.13	: 8
.01	---	---	1.43	---	---	11.59	1.20	12.79	10.95	3.39	: 9
.01	---	---	1.50	---	---	14.00	1.27	15.26	11.78	3.78	: 10
.01	---	---	1.35	---	---	12.03	1.47	13.50	11.51	3.37	: 11
.01	---	---	1.35	---	---	11.45	1.38	12.83	10.84	3.27	: 12
---	---	---	---	---	---	10.48	.28	10.77	10.77	3.50	: 13
---	---	---	---	---	---	10.08	.32	10.40	10.40	3.41	: 14
---	---	---	---	---	---	10.63	.34	10.97	10.97	2.43	: 15
---	---	---	---	---	---	10.79	.31	11.10	11.10	2.51	: 16

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production			
	: 1980/81 :			: 1980/81 :			: 1980/81 proj. :			
	1978/79	1979/80	proj.	1978/79	1979/80	proj.	1978/79	1979/80	Nov. : Dec.	
	---Million hectares---			Kilograms per hectare			---Million 480-pound bales---			
United States	5.0	5.2	5.3	472	614	450	10.9	14.6	11.2	10.9
USSR	3.0	3.1	3.1	878	925	983	12.3	13.1	13.8	14.2
Centrally Planned Asia										
PRC	4.7	4.5	4.8	461	491	499	9.9	10.1	10.5	11.0
South Asia										
India	8.1	8.1	8.1	168	164	164	6.3	6.1	6.3	6.1
Pakistan	1.9	2.0	2.0	244	366	354	2.1	3.4	3.4	3.3
Middle East and Africa										
Egypt	.5	.5	.5	878	963	954	2.0	2.2	2.2	2.3
Sudan	.4	.4	.4	358	327	348	.6	.6	.6	.6
Turkey	.7	.6	.7	728	778	700	2.2	2.2	2.2	2.2
Latin America & Caribbean										
Argentina	.7	.6	.5	260	283	315	.8	.7	.8	.8
Brazil	2.0	2.0	2.0	295	286	295	2.7	2.6	2.7	2.7
Central America 2/	.4	.3	.3	843	909	943	1.6	1.1	1.2	1.2
Mexico	.3	.4	.4	964	865	913	1.5	1.5	1.5	1.5
Total above	27.7	27.6	28.1	416	461	440	52.9	58.4	56.3	56.7
Other countries & regions	4.6	4.6	4.8	348	347	326	7.3	7.3	7.4	7.2
World	32.2	32.1	32.9	406	445	423	60.2	65.6	63.7	64.0
World less United States	27.2	27.0	27.6	394	412	418	49.3	51.0	52.5	53.0
Major foreign ex- porters 3/	7.2	7.3	7.4	674	723	747	22.4	24.2	24.8	25.2

1/ Totals and averages based on unrounded data. 1979/80 estimates are preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

3/ Includes the USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.

WHEAT: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between December Forecast & Final Estimate				
	Percent	Quantity	Average Percent	Quantity Average:Smallest: Largest			Number of Years ^{2/} Below : Above Final : Final
	Million MT			(-----Million MT-----)			
<u>North America</u>							
Canada	16.8	3	0.3	-	- 1/	-	2 -
United States	9.3	5	0.3	-	-	-	3 -
<u>Western Europe</u>	7.6	4	0.5	-	-	-	6 -
<u>Eastern Europe</u>	11.9	4	2.0	1	-	-	3 4
<u>Oceania</u>							
Australia	20.2	2	6.6	1	-	2	5 -
<u>South Asia</u>							
India	9.1	2	1.3	-	-	2	1 -
Pakistan	6.5	1					N/A N/A
<u>Centrally Planned Asia</u>							
China	9.5	4					N/A N/A
<u>USSR</u>	16.6	16	3.2	3	1	5	6 1
<u>Middle East and Africa</u>							
South Africa	16.7	-					N/A N/A
Turkey	9.3	1					N/A N/A
<u>Latin America & Caribbean</u>							
Argentina	22.5	2	9.9	1	-	1	4 2
Brazil	47.6	1					N/A N/A
<u>Total Above</u>			1.4	4	1	8	6 1
<u>Others</u>	6.4	3	1.3	2	-	5	5 2
<u>World Total</u>	5.6	21	1.4	6	2	10	6 1
<u>World Less U.S.</u>	7.2	23	1.7	6	2	10	6 1
<u>Major Competitors ^{3/}</u>	8.0	3	2.9	1	-	3	5 1

1/ Less than 500,000 tons

2/ May not add up to 7 if December estimate was the same as final

3/ Includes Canada, Australia, and Argentina

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:October 8, 1980

31/AR10

COARSE GRAINS: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between December Forecast & Final Estimate				
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Largest			Number of Years ^{2/} Below : Above Final : Final
	Million MT		(-----Million MT-----)				
<u>North America</u>							
Canada	9.8	2	2.5	1	- 1/	2	2 3
United States	9.3	17	1.0	2	1	4	4 2
<u>Western Europe</u>	6.7	6	1.2	1	1	3	4 2
<u>Eastern Europe</u>	4.9	3	2.5	1	-	-	5 1
<u>Oceania</u>							
Australia	19.2	1	9.8	1	1	1	3 4
<u>South Asia</u>							
India	9.6	3					N/A N/A
<u>Centrally Planned Asia</u>							
China	4.1	3					N/A N/A
<u>Near East & Other Asia</u>							
Thailand	19.2	-	1.0	-	-	-	- 1
<u>USSR</u>	18.2	16	3.0	3	2	4	5 1
<u>Middle East and Africa</u>							
South Africa	27.3	2	13.9	1	-	3	5 2
Turkey	15.2	1					N/A N/A
<u>Latin America & Caribbean</u>							
Argentina	20.0	3	20.9	3	1	6	4 3
Brazil	10.2	2	9.9	2	4	4	3 1
<u>Total Above</u>			0.8	4	1	6	4 -
<u>Others</u>	4.6	4	1.9	3	1	6	3 3
<u>World Total</u>	3.5	23	0.9	5	-	8	5 2
<u>World Less U.S.</u>	4.0	19	1.0	5	1	10	5 2
<u>Major Competitors ^{3/}</u>	5.8	4	5.2	3	1	5	2 5

1/ Less than 500,000 tons

2/ May not add to 7 if December estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa, Thailand, and Brazil

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7-year record is based upon absolute differences from final estimates.

FAS:CP:G&F:October 8, 1980

31/AR8

Cotton, rice (rough), and oilseeds production: 1980/81 trend projections and
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	---Mil. bales---			---Mil. MT---			---Mil. MT---		
U.S. <u>3/</u>	10.9	.2	1.5	6.6	.2	2.4	48.3	1.3	2.6
Canada	---	---	---	---	---	---	2.9 <u>2/</u>	.8	27.6
Western Europe	---	---	---	1.6	.1	6.7	---	---	---
Eastern Europe	---	---	---	---	---	---	---	---	---
USSR	13.2	.4	3.0	2.5	.1	7.7	5.4 <u>4/</u>	.8	14.8
Centrally									
Planned Asia:									
PRC	10.2	.9	8.8	143.4	3.2	3.0	---	---	---
South Asia									
Bangladesh	---	---	---	18.8	1.1	6.6	---	---	---
Burma	---	---	---	9.7	.6	7.2	---	---	---
India	6.1	.5	8.2	74.9	5.8	9.4	6.1 <u>5/</u>	.8	13.1
Pakistan	2.4	.5	20.8	4.9	.2	6.4	---	---	---
Near East &									
Other Asia									
Indonesia	---	---	---	26.1	1.1	5.7	---	---	---
Japan	---	---	---	15.1	1.1	7.0	---	---	---
South Korea	---	---	---	7.6	.5	8.6	---	---	---
Thailand	---	---	---	16.6	.8	6.0	---	---	---
Middle East									
and Africa									
Egypt	1.8	.2	11.1	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.7 <u>5/</u>	.3	42.8
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.5	.2	40.0	---	---	---	---	---	---
Turkey	2.4	.3	12.5	---	---	---	---	---	---
Latin America									
& Caribbean									
Argentina	1.0	.1	10.0	.4	.1	16.7	---	---	---
Brazil	2.4	.4	16.7	8.5	.8	11.6	15.5 <u>6/</u>	1.7	11.0
Mexico	1.4	.4	28.6	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.6	.1	20.0	---	---	---
Foreign	50.3	2.7	5.4	379.1	8.7	2.9	---	---	---
World	63.3	4.2	6.6	385.1	8.7	2.8	17.0	8.5	5.0 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1970/71-1979/80 for cotton and oilseeds and 1960/61-1979/80 for rice. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1980/81 production will total within 0.4 million bales or 3.0 percent of the trend projection of 13.2 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Rapeseed. 3/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.

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